

C¹ 17. (Amended) A method of controlling corrosion of a surface of a metal comprising:

passivating the surface of the metal with an anionic oxidizer;
flushing the anionic oxidizer from the surface of the metal; and
determining an activity factor of the metal.

C² 43. (Amended) The method of claim 17, wherein the anionic oxidizer consists essentially of hydrogen peroxide.

44. (Amended) The method of claim 17, further comprising the step of adding a second corrosion inhibitor to an electrolyte exposed to the surface of the metal.

C³ 46. (Amended) A method of inhibiting corrosion of a metal comprising:

supplying an oxidizer to a surface of the metal;
inducing flash formation of an oxide layer on the surface of the metal; and
monitoring an electrochemical noise of the metal.

REMARKS

Claims 17-57 were previously pending in this application.

Claims 24-39 and 48 have been withdrawn from consideration as being drawn to a non-elected species but would be entitled to consideration upon allowance of the generic claims. Claims 17, 43, 44, and 46 have been amended.

No new matter has been added. Consequently, claims 17-23, 40-47, and 49-57 are pending for examination; of which, claims 17 and 46 are independent claims.

Election of Species

For examination purposes only, Applicant confirms the election of claims 17-23, 41-47, and 49-57, directed to hydrogen peroxide as a species of the genus of oxidizer and/or anionic oxidizer recited in generic independent claims 17 and 46.

Applicant respectfully disagrees with the withdrawal requirement of dependent claims 20-23. These claims depend from generic independent claim 17 and recite features that are